PM&E Development & Evaluation Flow Chart (Draft: For Environmental Work Group Discussion)

Resource Action Matrix: The Resource Action Matrix is the culmination of previous Work Group efforts to synthesize resource goals, study plan results, knowledge of experts, and group discussions. The March 2003 matrix was an inclusive effort to bring in as many potential Resource Actions as reasonable.

Detailed Matrix: The detailed, 15 action matrix resulted from discussions at the May 21, 2003 EWG in which the highest priority actions were suggested. The selected actions were further reviewed and additional information was provided from various technical experts, including those who were involved with development of the resource actions and/or the ongoing study plans.

Task Forces: Fisheries and Terrestrial Task Forces were assembled to discuss Resource Actions in greater detail. The purposes of the Task Forces are to support the continued refinement of Resource Actions, to discuss the merits of proposed actions, and to formulate recommendations to the Environmental Work Group regarding the disposition of Resource Actions. Task Force recommendations could be to support, refine, or set aside any action based on discussion, status of knowledge, or other information that would support an informed decision.

Environmental Work Group: The EWG has the overall duty to review Task Force recommendations and take action. The action could be to move Resource Actions up to the Plenary Group or to move an action to the not recommended category. The EWG will look at groups of actions and set priorities which will be shared with the Plenary Group as well as the list of supported actions. The EWG could also flag actions which may have cross resource impacts.

PM&E Classifications: Resource Actions fall into 4 categories.

Category 1: Actions which are designated for this category have enough information to determine the likelihood that the action could reasonably be expected to produce results. A detailed narrative report is prepared for each Category 1 action and these are then ready to be forwarded to the Plenary Group (with Work Group support). After full discussion, actions that have complete descriptions may be reevaluated to moved to Category 4.

Category 2: These actions are waiting for study results before the EWG can fully assess them. Each action in this Category needs to have clearly defined dates regarding when the necessary data will be available to allow EWG discussion on the action.

Category 3: These are actions that lack data as a result of not being included in the initial Study Plans, because the basic science to evaluate the action has not been developed, or because the action may require implementation during the post-license period as an adaptive management experiment.

Category 4: These are actions that have been recommended for no further action. Basis for this determination include that the proposed action is not really an action but rather a study, the action is not a realistic concept, the action duplicates other or better described actions, the action addresses a potential problem that cannot be quantified, the action has no supporting science or information, or the action is actually a longer-term monitoring program. Actions initially listed as Category 4 could possibly be refined and further developed to such an extent that they become Category 1, 2, or 3.

For Discussion Only Draft: June 19, 2003

PM&E Development & Evaluation Flow Chart (Draft: For Environmental Work Group Discussion)

Resource Action Matrix:

Developed March 2003: Gather various PM&Es from EWG Collaborative and Technical Experts.

Detailed Matrix:

- Based on the 5/21/2003 EWG meeting
- Used for top 15 PM&Es: Gather all available information regarding each PM&E.

Task Forces (e.g., fisheries, terrestrial):

- The task force reviews, improves, and recommends classification for PM&Es.
- (See Classification Scheme Below)

Environmental Work Group:

- Review, sort, prioritize and approve Fishery and Terrestrial Task Force recommendations.
- · Does initial cross resource check
- Forwards Work Group supported PM&Es to Plenary Group

Plenary Group:

 Receives Work Group supported PM&Es along with the Work Group priority ranking

PM&E Classifications

Category 1. Complete

- PM&E is complete and ready for more detailed evaluation
- Develop Narrative Report
- PM&E has Work Group Support
- Forward to Plenary Group

Category 2. Waiting

- Waiting for Study Plan data results (critical for PM&E development)
- Identify date when data will be available

<u>Category 3. Needs</u> <u>New Information</u>

- Requires new analysis not included in approved study plans
- Requires basic science development
- Adaptive Management

Category 4. Not Recommended

- Not a PM&E (a study, monitoring program, etc.)
- Not a realistic concept
- Redundant PM&E (covered by another Resource Action)
- Not a quantifiable problem
- No available supporting science

For Discussion Only Draft: June 19, 2003